

IN THE CLAIMS:

Claims 1-9 (Cancelled).

Claim 10 (New): An image forming device, comprising:

a receiver that receives image data including a plurality of color areas and black area;

determining part that determines a first amount which is an amount of the black material to be applied to the black area and a second amount which is an amount of the color materials to be applied to the black area, the determining part determining each of the first and second amounts based on density of the black area; and

an output part that outputs the first and second amounts to the black area.

Claim 11 (New): The image forming device according to claim 10, wherein the output part outputs the second amount to the black area after the first amount is output to the black area.

Claim 12 (New): The image forming device according to claim 10, wherein each of the first and second amounts is more than zero.

Claim 13 (New): The image forming device according to claim 10, wherein the output part outputs the first and second amounts to the black area being positioned on a recording medium including a paper.

Claim 14 (New): The image forming device according to claim 10, wherein the determining part determines the second amount regardless of a background of the black area in the image data.

Claim 15 (New): The image forming device according to claim 10, wherein, the color materials include primary colors of yellow (Y), magenta (M), and cyan (C), and the determining part determines each amount of the color materials of the Y, M, and C in a range of 10 to 40% (percentage by weight) of the first amount.

Claim 16 (New): The image forming device according to claim 15, further comprising, a reduction unit that reduces each of the amounts of the color materials of the Y, M, and C without reducing the first amount when a total amount of the first and second amounts exceeds a predetermined amount.

Claim 17 (New): The image forming device according to claim 10, further comprising, an edge detector that detects an edge of the black area, wherein, the determining part determines a third amount which is an amount of the color materials to be applied to a periphery of the edge, and the output part outputs the third amount to the periphery of the edge.

Claim 18 (New): The image forming device according to claim 15, further comprising, an adjuster that adjusts at least one of the second and third amounts when the determining part determines a total amount of the first, second and third amounts to exceed a predetermined amount.

Claim 19 (New): An image forming method, comprising:
receiving image data including a plurality of color areas and black area;
determining a first amount which is an amount of the black material to be applied to the black area and a second amount which is an amount of the color materials to be applied to the black area, wherein each of the first and second amounts is determined based on density of the black area; and
outputting the first and second amounts to the black area.

Claim 20 (New): The image forming method according to claim 19, wherein outputting the second amount to the black area after the first amount is output to the black area.

Claim 21 (New): The image forming method according to claim 19, wherein each of the first and second amounts is more than zero.

Claim 22 (New): The image forming method according to claim 19, wherein outputting the first and second amounts to the black area being positioned on a recording medium including a paper.

Claim 23 (New): The image forming method according to claim 19, wherein determining the second amount regardless of a background of the black area in the image data.

Claim 24 (New): The image forming method according to claim 19, wherein, the color materials include primary colors of yellow (Y),magenta (M), and cyan (C), and determining each amount of color materials of the Y, M, and C in a range of 10 to 40% (percentage by weight) of the first amount.

Claim 25 (New): The image forming method according to claim 24, further comprising, reducing each of the amounts of the color materials of the Y, M, and C without reducing the first amount when a total amount of the first and second amounts exceeds a predetermined amount.

Claim 26 (New): The image forming method according to claim 19, further comprising, detecting an edge of the black area, wherein, determining a third amount which is an amount of the color materials to be applied to a periphery of the edge, and outputting the third amount to the periphery of the edge.

Claim 27 (New): The image forming method according to claim 19, further comprising, adjusting at least one of the second and third amounts when the determining part determines a total amount of the first, second and third amounts to exceed a predetermined.

Claim 28 (New): A computer readable medium storing a program causing a computer to execute a process for image forming, the process comprising:

receiving image data including a plurality of color areas and black area;

determining a first amount which is an amount of the black material to be applied to the black area and a second amount which is an amount of the color materials to be applied to the black area, wherein each of the first and second amounts is determined based on density of the black area; and

outputting the first and second amounts to the black area.